

ABSTRACT

Quinolylpropylpiperidine derivatives of general formula (I) in which:

- 5  $R_1$  is  $NH_2$ , alkylamino, dialkylamino, hydroxyamino, alkyl(alkyloxy)amino or alkyloxyamino,  
 $R_2$  is a carboxyl, carboxymethyl or hydroxymethyl radical,  
 $R_3$  is alkyl (1 to 6C) substituted by phenylthio which can itself carry 1 to 3 substituents  
 selected from halogen, OH, alkyl, alkyloxy,  $CF_3$ ,  $OCF_3$ ,  $COOH$ , alkyloxycarbonyl, CN and  
 10  $NH_2$ , by cycloalkylthio (3 to 7 members) or by heteroarylthio (5 to 6 members) comprising 1  
 to 4 heteroatoms selected from N, S and O and optionally itself substituted [by halogen, OH,  
 alkyl, alkyloxy,  $CF_3$ ,  $OCF_3$ ,  $=O$ ,  $COOH$ , alkyloxycarbonyl, CN or  $NH_2$ ] or  $R_3$  is propargyl  
 substituted by phenyl which can itself carry 1 to 3 substituents selected from halogen, OH,  
 alkyl, alkyloxy,  $CF_3$ ,  $OCF_3$ ,  $COOH$ , alkyloxycarbonyl, CN and  $NH_2$  or substituted by  
 cycloalkyl comprising 3 to 7 members or substituted by 5- to 6-membered heteroaryl  
 15 comprising 1 to 4 heteroatoms chosen from N, O or S and optionally itself substituted by  
 halogen, OH, alkyl, alkyloxy,  $CF_3$ ,  $OCF_3$ ,  $=O$ ,  $COOH$ , alkyloxycarbonyl, CN or  $NH_2$ , and  
 $R_4$  is alkyl (1 to 6C), alkenyl- $CH_2$ -, alkynyl- $CH_2$ - (3 to 7C), cycloalkyl or (cycloalkyl)alkyl,  
 in their diastereoisomeric forms or their mixtures, and their pharmaceutically acceptable salts.
- 20 These novel derivatives are particularly advantageous antimicrobial agents.

